506711573 06/11/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT6758391 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ROBERT GLENN RUNDELL	06/10/2021
JULIA JACINTA BUSONO	06/09/2021
CHRISTOPHER L. JOHNSON	06/10/2021

RECEIVING PARTY DATA

Name:	MICROSOFT TECHNOLOGY LICENSING, LLC
Street Address:	ONE MICROSOFT WAY
City:	REDMOND
State/Country:	WASHINGTON
Postal Code:	98052

PROPERTY NUMBERS Total: 1

Property Type	Number						
Application Number:	17345667						

CORRESPONDENCE DATA

Fax Number: (425)936-7329

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 425-707-9382

Email: usdocket@microsoft.com

Correspondent Name: MICROSOFT CORPORATION

Address Line 1: ONE MICROSOFT WAY

Address Line 4: REDMOND, WASHINGTON 98052

ATTORNEY DOCKET NUMBER:	409851-US-NP
NAME OF SUBMITTER:	THOMAS C. FIALA
SIGNATURE:	/Thomas C. Fiala, #43,610/
DATE SIGNED:	06/11/2021

Total Attachments: 6

source=409851-US-NP-ASSN-ALL#page1.tif source=409851-US-NP-ASSN-ALL#page2.tif source=409851-US-NP-ASSN-ALL#page3.tif source=409851-US-NP-ASSN-ALL#page4.tif

PATENT 506711573 REEL: 056516 FRAME: 0581

source=409851-US-NP-ASSN-ALL#page5.tif source=409851-US-NP-ASSN-ALL#page6.tif

> PATENT REEL: 056516 FRAME: 0582

PATENT ASSIGNMENT

I <u>Robert Glenn RUNDELL</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>TRANSMISSION CONFIGURATION INDICATION</u>, ERROR <u>DETECTION AND RECOVERY BY TEMPORAL SIGNAL INTERPRETATION</u>" ("APPLICATION"), which:

MS Docket No.: 409851-US-NP

[☑ will be filed. ASSIGNOR hereby authorizes, and requests,
	ASSIGNEE'S legal representative, Microsoft Technology Licensing,
	LLC, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S
	LEGAL REPRESENTATIVES), to insert here in parentheses (filed
	on <u>June 11, 2021</u> and given Application No. <u>17/345,667</u> by
	the following Office US - United States Patent and Trademark Office) this
	APPLICATION's Application No., filing date, and Office, when known;

		3					4									A.						
	<u> </u>	J \	wa:	5 TI	160	O	n				_ a	na	was	i qi	ver	A	pon	cat	on			
			Vin						hv	the	e fo	ollo	win	a O	ffic	20						

			2																			
			****										. 8									

Microsoft Technology Licensing, LLC, a Washington limited liability company, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S LEGAL REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known;

Application No.	Filing Date	Office

Page 1 of 2

MS Docket No.: 409851-US-NP

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, ASSIGNOR's entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

J4 1/3. JULL	6/10/2021
Inventor's Signature	Date
Robert Glenn RUNDELL	
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT

MS Docket No.: 409851-US-NP

I <u>Julia Jacinta BUSONO</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>TRANSMISSION CONFIGURATION INDICATION</u>, ERROR DETECTION AND RECOVERY BY TEMPORAL SIGNAL INTERPRETATION" ("APPLICATION"), which:

\boxtimes	will be filed. ASSIGNOR hereby authorizes, and requests,
	ASSIGNEE'S legal representative, Microsoft Technology Licensing,
	LLC, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S
	LEGAL REPRESENTATIVES), to insert here in parentheses (filed
	on June 11, 2021 and given Application No. 17/345,667 by
	the following Office US - United States Patent and Trademark Office) this
	APPLICATION's Application No., filing date, and Office, when known;
	was filed on and was given Application
	No by the following Office
	".

Microsoft Technology Licensing, LLC, a Washington limited liability company, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S LEGAL REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known;

Application No.	Filing Date	Office	
			,,

PATENT ASSIGNMENT MS Docket No.: 409851-US-NP

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, ASSIGNOR's entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

Inventor's Signature Julia Jacinta BUSONO	_6/9/2シ_\ Date
Printed Name in English	Printed Name in Native Language (if other than English)

I <u>Christopher L. JOHNSON</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>TRANSMISSION CONFIGURATION INDICATION</u>, ERROR <u>DETECTION AND RECOVERY BY TEMPORAL SIGNAL INTERPRETATION</u>" ("APPLICATION"), which:

will	be	filed.	ASSIG	NOR	hereby	auth	orizes	, and	requ	uests,
ASSI	GNE	E'S lega	.l repres	entat	ive, Mic	rosoft	Tech	nology	Licer	ısing,
LLC,	One	Micros	oft Way,	Redr	nond, W	ashing	ton 9	8052 (ASSIG	NEE'S
LEGA	AL R	EPRESE	NTATIVE	S), t	o insert	here	in p	arenth	eses	(filed
on _	Ju	ne 11, 20)21a	nd giv	en Appl	ication	No	17/34	5,667	by
the	foll	owing	Office	<u>US - U</u>	Inited State	es Patent	and Tra	ademark	Office)	this
APPL	ICA7	ΓΙΟΝ's A	Applicati	on No	o., filing	date, a	nd Of	fice, wł	nen kr	nown;
was	filed	on		ã	and was	given /	Applic	ation		
No _			by	the f	ollowing	Office	!			
"										
	ASSIC LLC, LEGA on _ the APPL was No _	ASSIGNED LLC, One LEGAL R on Ju the follo APPLICAT was filed No	ASSIGNEE'S legal LLC, One Micros LEGAL REPRESEI on June 11, 20 the following APPLICATION's A was filed on No No	ASSIGNEE'S legal representation LLC, One Microsoft Way, LEGAL REPRESENTATIVE on	ASSIGNEE'S legal representat LLC, One Microsoft Way, Redr LEGAL REPRESENTATIVES), to on June 11, 2021 and give the following Office US-UAPPLICATION's Application Nowas filed on and by the following of the following Office US-UAPPLICATION's Application Nowas filed on and give the following Office US-UAPPLICATION's Application Nowas filed on and give the following Office US-UAPPLICATION's Application Nowas filed on and give the following Office US-UAPPLICATION's Application Nowas filed on and give the following Office US-UAPPLICATION's Application Nowas filed on and give the following Office US-UAPPLICATION's Application Nowas filed on and give the following Office US-UAPPLICATION's Application Nowas filed on and give the following Office US-UAPPLICATION's Application Nowas filed on and give the following Office US-UAPPLICATION's Application Nowas filed on and give the following Office US-UAPPLICATION's Application Nowas filed on and give the following Office US-UAPPLICATION's Application Nowas filed on and give the following Office US-UAPPLICATION's Application Nowas filed on and give the following Office US-UAPPLICATION's Application Nowas filed on and give the following Office US-UAPPLICATION's Application Nowas filed on and give the following Office US-UAPPLICATION's Application Nowas filed on and give the following Office US-UAPPLICATION's Application Nowas filed on and give the following Office US-UAPPLICATION's Application Nowas filed on and give the following Office US-UAPPLICATION's Application Office US-UA	ASSIGNEE'S legal representative, MicLLC, One Microsoft Way, Redmond, W LEGAL REPRESENTATIVES), to insert on June 11, 2021 and given Appl the following Office US - United State APPLICATION's Application No., filing was filed on and was No by the following	ASSIGNEE'S legal representative, Microsoft LLC, One Microsoft Way, Redmond, Washing LEGAL REPRESENTATIVES), to insert here on June 11, 2021 and given Application the following Office _US - United States Patent APPLICATION's Application No., filing date, a was filed on and was given by the following Office	ASSIGNEE'S legal representative, Microsoft Technic LLC, One Microsoft Way, Redmond, Washington 9 LEGAL REPRESENTATIVES), to insert here in pron June 11, 2021 and given Application No the following Office and given Application No., filing date, and Office and was given Application No and was given Application No and was given Application No by the following Office	ASSIGNEE'S legal representative, Microsoft Technology LLC, One Microsoft Way, Redmond, Washington 98052 (A LEGAL REPRESENTATIVES), to insert here in parenth on and given Application No 17/34 the following Office US - United States Patent and Trademark APPLICATION's Application No., filing date, and Office, who was filed on and was given Application No by the following Office	No by the following Office

Microsoft Technology Licensing, LLC, a Washington limited liability company, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S LEGAL REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known;

Application No.	Filing Date	Office

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, ASSIGNOR's entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

MS Docket No.: 409851-US-NP

ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

Inventor's Signature	06/10/21 Date
Christopher L. JOHNSON	
Printed Name in English	Printed Name in Native Language
	(if other than English)